

# Statistics (is) for everyone

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## **Abstract**

Statistics is universally applicable and yet, general public is usually not accepting it as something that can be part of their everyday reasoning. Part of the reason is the perception that statistics is a sort of mathematics, which is not for everybody. In this talk I will try to show some key statistical concepts in a way, that might be understandable also to the lay people. I will promote probability distribution as a tool to cope with variability and uncertainty of phenomena. Idea of sampling and estimation, concepts of hypothesis testing and dependency enabling prediction will also be shown.